

AGENDA

Staff Dining Hall
Tuesday, 11 March, 1969
3:15 p.m.

A. APPROVAL OF MINUTES

B. INFORMATION ITEMS

- ✓ 1. Results of ASCSC Referendum, (See Attachment III).
- ✓ 2. (R. Keif) - Committee Assignments.
- ✓ 3. (D. Grant) - Personnel Review Committee report. *← R&K report*
- ✓ 4. Amendment to By-Laws - first reading, (See Attachment V).

C. BUSINESS ITEMS

Pursued
(C. Johnson) - RESOLUTION: Moved that the Academic Senate recommend to President Kennedy that the By-Laws for the Academic Senate become effective immediately upon his approval of these By-Laws except 1) that the present officers and Executive Committee members be the permanent Senate officers and Executive Committee for the remainder of the 1968-1969 academic year, 2) that the senators * from the School of Architecture and the School of Applied Sciences nominate one of their members to the Executive Committee for the remainder of this year, 3) that the present Personnel Committee shall be the Personnel Review Committee for the remainder of this year and that the Executive Committee will appoint a Personnel Policy Committee to serve the remainder of this year, 4) that all other present ad hoc committees shall be regular committees of the Senate for the remainder of this school year, and 5) that the timetable for the Elections Committee will be deviated from so that the election for the Grievance Committeemen can take place no later than the first week in April.

** Stuart - arch
Clogston - AS
Boony
grant
first
grimes
Holtz
gregory*
On 6 February, 1969, Dr. Robert Rodin, Chairmen, Research Committee, requested the Senate to approve the revised research or creative activity leave form, (See Attachment II).

Panel 3.
(R. Pautz) - Request for revision of Fairness Board Procedure, (See Attachment VI).

Panel 4
(R. Keif) - On 26 February, 1969 the Academic Vice President, Andrews, requested the Academic Senate to consider Music 408 (Ethnic Music of the World) for inclusion in the 69-70 catalog. (Course Proposal Form, See Attachment IV.)

- 5. (R. Andreini) - Curriculum Committee - Request for recommending approval of Revised Guidelines for Majors, Options, & Concentrations, (See Attachment I).
- 6. (R. Andreini) - Curriculum Committee - Academic Master Plan updated, (See Attachment VII).

M E M O R A N D U M

TO: R. Keif, Chairman
Academic Senate

DATE: March 3, 1969

FROM: Curriculum Committee - R. Andreini, Chairman,
Academic Senate

SUBJECT: Proposed Guidelines for Majors, Options & Concentrations.

We request the Academic Senate recommend approval of these Proposed Guidelines, with the following amendments:

(Page 2: 1-C., Minor)

- (2) (To read) A minor of at least 24 units may be required for the Bachelor of Arts degree, as follows.

a) (No change)

b) (To read) 24 units in a distributed studies minor as follows:

- 1) 9 units from English 200, 304, 305, 306 (maximum of 3 units) plus Math 327, 328 (maximum of 6 units).
- 2) 15 units of electives from the following list:

Engl 205	Phys 104
Hist 112	Chem 106
Mus 101, 201	Bio 129
Georg 201, 202, 203	Sp 200
Aero 101	Art 232
For Lang 3-9 units	

c) (Present paragraph b) as written.

GUIDELINES FOR MAJORS, OPTIONS AND CONCENTRATIONS

1. Recognized categories of curricular concentrations:

For the purpose of computing grade point average at graduation, "major" is defined as follows in a. and b.

a. Major (B.S.)

- (1) For the B.S. degree the major shall consist of no less than 54 nor more than 70 units of courses required for graduation in each curriculum.
 - a) Of the units in courses designated as major, at least 27 must be in 300 or 400 series courses.
 - b) Of the units in courses designated as major, at least six units must be required in the freshman and at least nine in the sophomore year.
- (2) The courses in the major, designated as "M" courses, must be exclusive of those used to satisfy the general education requirement. The "M" courses generally are those with the major departmental prefix(es) although others may be included.

b. Major (B.A.)

- (1) For the B.A. degree the major shall consist of no less than 48 nor more than 60 units of courses required for graduation in each curriculum.
 - a) Of the units in courses designated as major, at least 24 must be in 300 or 400 series courses.
 - b) Of the total of 186 units required for the degree at least 60 must be in 300 or 400 series courses.
 - c) Of the units in courses designated as major, at least six units must be required in the freshman year and at least six in the sophomore year.
- (2) The courses in the major, designated as "M" courses, must be exclusive of those used to satisfy the general education requirement. The "M" courses generally are those with the major departmental prefix(es) although others may be included.

c. Minor

- (1) There is no minor required for the Bachelor of Science Degree.
- (2) A minor of at least 24 units, of which at least 15 must be in 300 and 400 series courses, is required for the Bachelor of Arts degree.
 - a) 24 units from one of the available minors designed for teaching fields may be used. These minors are listed in the catalog under "Preparation for Elementary and Secondary School Teaching." Requirements are published in the bulletin: Standard Teaching Credential Requirements. They are also available from the Evaluations Office.
 - b) A student with a specific objective may select an appropriate grouping of courses totaling 24 units (15 in 300 and 400 series courses) which is approved by his adviser and his department head. In this case, the approved minor is to be submitted to the Evaluations Office when approved.

d. Option

An option is a curricular alternative in a department having 30 or more units of specified courses not common to other curricular alternatives and designed to give the student substantially different capabilities than the other alternatives.

e. Concentration

A concentration is a block of courses to be chosen with the approval of the student's adviser comprising from 18 to 29 units providing essentially different capabilities for the student.

2. Guidelines relating to Options:

- a. The basic curriculum display in the catalog should show only those courses common to the two or more option alternatives.
- b. Following the basic curriculum display, the courses required to complete the major in each option should be listed in the manner shown in the catalog.
- c. In addition to courses offered by the major department, options may include required courses from other departments.
- d. No maximum number of units are presently specified for options. However, it appears that 39 units is a reasonable maximum. Existing options over 39 units have been allowed to continue, but very strong justification will be required before new options over 39 units will be approved.

3. Guidelines relating to Concentrations:

- a. The basic curriculum display in the catalog should show only those courses common to the concentration alternatives.

- b. A footnote should indicate the definite number of elective units which must be selected with the approval of the adviser to form the concentration.

Example: "At least 18 units shall be chosen with the approval of the adviser in one of the concentration areas of Production, Management, or Science-Teaching."

- c. Mention of the available concentrations by name should be made in the departmental introductory material.
- d. A list of those courses which are required and eligible for use in a specific concentration must be provided to the Evaluation Technician and departmental advisers by the appropriate school dean.

4. Guidelines relating to both Options and Concentrations:

- a. If it is desired, curricular options or concentrations may be highlighted preceding the basic curriculum display. Or, mention of the concentrations available in a given department may simply be made in the introductory material.
- b. All units in an option must be specified. If the 30 or more units cannot be specified, the concentration route should be used.
- c. A student must select one of the available curricular alternatives recognized and/or displayed in the catalog.
- d. "M" courses may appear in an option or concentration as well as in the core or basic curriculum display.
- e. A catalog display of an option or concentration within an option is not appropriate.
- f. There must be a discrete bachelor's degree program. That is, options requiring a teacher education program to run into the graduate year will not be approved. A student should be able to qualify for teaching credentials in a fifth year whether he has completed a "teacher education option" or not.

TRUSTEES OF THE CALIFORNIA STATE COLLEGES

Los Angeles, California 90036

APPLICATION FOR SPECIAL LEAVE FOR RESEARCH OR CREATIVE ACTIVITY

(As provided by Title 5 of the California Administrative Code, Sections 43050-43053)

1. Submitted by: _____ Date: _____
2. Rank: _____ Department: _____
California State Polytechnic College, San Luis Obispo
3. Special leave is requested for the _____ (quarter(s)) _____ (year).
4. Title of proposed activity: _____
5. Where will it be conducted? _____
6. *7/6x* agree If conducted at this college, will use of college facilities conform to current research policies of the College? Yes _____ No _____
7. Only the salary of the faculty member is paid under this program. Will you provide all other costs in connection with this leave? Yes _____ No _____
If No, explain: _____
8. Will you seek publication of information obtained: (i.e. publish in a professional journal, use as a lab manual, publish as a book, etc. Yes _____ No _____
If Yes, explain: _____
9. Date of any Research & Creative Leave awarded to you within the last 3 years _____
10. Do you anticipate a sabbatical or leave without pay immediately before or after this leave? Yes _____ No _____ If Yes, explain. _____
11. I agree to submit a report of my special leave within 30 days of my return, *unless an extension of time is approved by the Research Committee.*
- Signature of Applicant _____ Date _____

FOR REVIEW AND RECOMMENDATION: (Each reviewer is requested to forward this application to the next person within 5 days, attaching comments, if not recommended)

RECOMMENDED

Department Head _____ yes _____ no _____ Date _____

School Dean _____ yes _____ no _____ Date _____

Chairman,
Research Committee _____ yes _____ no _____ Date _____

APPROVED*

President _____ yes _____ no _____ Date _____

Academic Vice President _____ yes _____ no _____ Date _____

* Subject to endorsement of The Chancellor, California State Colleges

Attachment II, Academic Senate Agenda, 3/11/69

REFERENDUM RESULTS

The results of the recent referendum conducted by the State-wide Academic Senate are shown below. A representative of the San Fernando Valley Bar Association and a CPA both witnessed the counting.

	<u>Yes</u>	<u>No</u>	<u>Abstain</u>
California State College, Dominguez Hills	54	20	1
California State College, Fullerton	101	70	--
California State College, Hayward	211	54	3
California State College, Los Angeles	318	198	--
California State College, San Bernardino	40	26	--
California State Polytechnic College, Pomona	143	117	--
California State Polytechnic College, San Luis Obispo	155	304	2
Chico State College	130	58	2
Fresno State College	222	180	1
Humboldt State College	175	63	--
Sacramento State College	274	105	4
San Diego State College	257	143	1
San Fernando Valley State College	329	143	--
San Francisco State College	416	167	2
San Jose State College	403	162	--
Sonoma State College	107	25	1
Stanislaus State College	60	15	--

Note: Ballots from Long Beach State did not arrive in the Senate office soon enough to be included in the tally. The votes were counted Tuesday, February 25.

NEW COURSE PROPOSAL

SEE INSTRUCTIONS
ON REVERSE SIDE

1. DEPARTMENT Music		2. DIVISION Applied Arts		3. DATE January 9, 1969	
4. COURSE TITLE ETHNIC MUSIC OF THE WORLD			5. COURSE NUMBER MU 408		6. QUARTER UNITS 3
7. TYPE OF COURSE Lectures--3		8. STAFFING FORMULA CLASSIFICATION		9. HOURS CLASS WILL MEET 3	
10. NO. SECTIONS FALL <input checked="" type="checkbox"/> WINTER <input checked="" type="checkbox"/> SPRING <input checked="" type="checkbox"/>		11. HOW FREQUENTLY WILL COURSE BE OFFERED Each quarter		12. ANTICIPATED CLASS SIZE 30	
13. FOR WHAT REASONS WILL COURSE BE REQUIRED None		14. WHAT OTHER SPECIAL FUNCTION WILL COURSE SERVE Fulfill needs for ethnic cultural exchange			
15. COURSE DESCRIPTION (INCLUDE PREFIX, TITLE, UNITS, LECTURE AND/OR LABORATORY, AND PREREQUISITES) Mu 408 Ethnic Music of the World 3 Lectures, 3 units Contemporary concepts of Ethnomusicology. Discussions of folk music of the world by geographic area. Organology--the history and development of musical instruments. Each course will have a subtitle descriptive of the content. May be repeated to 12 units.					
16. DUPLICATION OR APPROXIMATION OF COURSES NOW BEING OFFERED OR NOW BEING PROPOSED None					
<p>JUSTIFICATION</p> <p>The need to relate to the various ethnic groups on the campus, and since Cal Poly has many countries represented in the college community, a course exploring, inter-relating and studying the music of the world at the folk source.</p>					
<p>18. STAFFING</p> <p>Will need a new instructor with background and enthusiasm, as present music staff all have full loads.</p>					
<p>19. FACILITIES, MATERIALS AND EQUIPMENT</p> <p>Phonograph records, tapes, books, instruments, and storage space. Music Library files. Office space and stenographic help.</p>					
<p>APPROVALS</p> <p><u>Harold P. Davidson</u> DEPARTMENT HEAD</p> <p>_____ VICE PRESIDENT</p> <p>_____ SCHOOL DEAN</p>					

PROPOSED AMENDMENT TO BY-LAWS OF THE

ACADEMIC SENATE

1. First reading (3/11/69).
2. Second reading ().

Referring to Page 9, Fairness Board, amend paragraph 2 to read:

approved
The procedures to be followed and the problems to be considered shall be as previously approved by the Faculty Staff Council *as* ~~established~~ by the Academic Senate and published as a document entitled Fairness Board. Changes in the document shall be made by the Senate upon recommendation of the Student Affairs Committee. Cases involving discrimination shall be referred to the Discrimination Study Committee. The Chairman of the Fairness Board shall report, in writing, a summary of ~~their~~ its actions to the Academic Senate annually.

State of California

California State Polytechnic College
San Luis Obispo

M E M O R A N D U M

TO: Rodney Keif, Chairman
Academic Senate

DATE: March 3, 1969

FROM: Student Affairs Committee
R. Pautz (Chairman), Bostrom, Greenberg, Head,
Miles, Thompson, Student.

SUBJECT: Fairness Board

We recommend the Academic Senate change the procedure at the Fairness Board (as revised 2-14-67 by the Faculty-Staff Council) to read as follows:

D. Concluding Action:

5. Step 4 - ~~if the problem was created by the staff and/or~~
If the Fairness Board considers further action as necessary,
then a summary report should shall be presented to the
chairman-of-the-Faculty-Staff-Council; who-*****action.
President of the College requesting he accept its reccom-
mendation and initiate action to implement it.

Attachment VI, Academic Senate Agenda, 3-11-69

Memorandum

To : Rodney Keif, Chairman
Academic Senate

Date : February 25, 1969

File No.:

Copies :

From : The Curriculum Committee--Andreini (Chairman), Head, Chizek, Walker,
Ikenoyama, Price, Dettloff, Beymer

Subject: Master Plan Updated

Motion for Adoption: The Academic Senate recommends to the President the following items of the Academic Master Plan updated.

I. Procedure

This report is the result of study of the proposed majors and some meetings with the Departments that proposed the new programs. The Committee was primarily interested in the following questions:

1. Would jobs be available to Cal Poly graduates of the new programs?
2. Would the new program be beneficial to Cal Poly?
3. Would sufficient numbers of students be interested in the new programs to make them feasible?

II. Recommendation of the Academic Senate Curriculum Committee.

A. Agriculture--B.S. in Maricultural Engineering

ABSTRACT

" The Agricultural Engineering Department in the School of Agriculture proposes to initiate a Bachelor of Science degree program in Maricultural Engineering effective September 1973.

" Because of the dire need for producing and harvesting more world food, alternative food sources are urgently needed. In full recognition of this need the 89th Congress enacted the National Sea Grant College and Program Act of 1966, Public Law 89-688.

" This on-campus proposal is designed to meet the increasing demand for engineers in commercial sea farming, fishing and ocean bio-science programs. A total of 198 units curriculum, synthesizing training in engineering, oceanography, and marine biology, is required for a major under the proposed Bachelor of Science program. Enrollment is expected to increase rapidly with about 200 students five years after implementation. Since the natural sea environment is a minor but essential portion of Maricultural Engineering, a sea laboratory could be scheduled at the nearest of the three proposed State College marine facilities.

" This proposal reflects both on and off-campus consultation. "

The B.S. in Maricultural Engineering is recommended. The Curriculum Committee had one nay vote and one member abstained.

B. Engineering--B.S. in Measurement Science

ABSTRACT

"Measurement Science is that body of knowledge necessary to assure government and industry that all measurement instruments, production tools, and standards are capable of producing goods that meet specifications necessary for use and interchangeability. This undergraduate program is the one necessary to produce engineers who understand the methods of measurement, the maintenance of primary standards directly traceable to the national standards, the techniques by which accurate measurements are achieved in manufacturing, and the calibration and measurement problems inherent in the many production processes.

"Measurement Science provides for industry standards and methodology of measurement. Considered important in California are:

1. Dimension; length and angle
2. Flow related to petroleum products
3. Flow related to water
4. Flow related to gases
5. Thermometry
6. Electrical quantities
7. Mass

"A similar body of knowledge is needed by engineers in both government and industry, but industry demands additional familiarity with manufacturing and production processes.

"The program is an extension of the industrial engineer's necessary concern with measurement standards. The California Professional Metrology Committee concurs on the plan to offer this program. No accreditation is mandatory. Nearby at Vandenberg Air Force Base is located one of the finest laboratories in the United States.

"We believe the curriculum as planned would be accredited by the Engineers' Council for Professional Development and still retains the Cal Poly "Upside Down" scheduling so that the student will be enrolled in at least one Measurement Science course each quarter."

The B.S. in Measurement Science was approved without qualification, but not before the Committee consulted with some members of the Physics Department. The Committee wanted to be sure that this B.S. in Measurement Science did not result in a duplication of effort.

C. Applied Arts--Applied Science--B.A. in Psychology

ABSTRACT

"A major in psychology, at the Bachelor's level, is requested for Cal Poly, to commence in 1970. Research in the community, as well as on a statewide basis, has revealed an increasing demand for students with a broad background in human behavior for employment in public and private organizations as counselors, psychometricians, group dynamics specialists, leadership trainees, interviewers, social case workers, probation and parole officers, and assorted social service posts. In addition, a psychology degree could be of assistance to those who intend to teach in the public schools by supporting existing credential programs in Elementary and Secondary Education, or those who seek Junior College or Psychometrist Credentials, or the degree in Counseling and Guidance.

"Cal Poly does not at present offer a similar degree program, although all the other state colleges, with the exception of Cal Poly Pomona, do have psychology majors.

"Cal Poly serves a wide geographical area. Many teachers in surrounding communities, for example, take courses to further their careers. But because of the present limited offerings in psychology (Cal Poly only offers the minimum courses to fulfill a psychology minor), a person sincerely interested in this subject must travel as far as Santa Barbara, San Jose, or Fresno to obtain desired courses. With the enactment of Senate Bill #1 and the possible teaching of courses in Psychology (as well as other disciplines in the Social Sciences) in the elementary and secondary schools, more attention must be given to teacher preparation and to course development in these areas.

"In the immediate vicinity of Cal Poly there is the California Men's Colony, Atascadero State Hospital, the Paso Robles School for Boys, and the County Welfare Department, each of whom has expressed an enthusiasm for providing in-service training opportunities for the psychology major, as well as employment opportunities for students receiving the degree.

"Because of its technological orientation, Cal Poly is particularly suited to provide the kind of educational experience sought by many organizations today, namely, a graduate in psychology with a broad liberal arts background who has also more than a familiarity with statistical, business, and engineering skills useful to the psychologist employed in organizations. The curriculum in psychology envisioned at Cal Poly would have a number of electives in each of the undergraduate years, and students would be encouraged to select those courses which would provide for these useful foundations in the technological subjects.

"Only one additional full-time instructor in psychology would be required to initiate the program. Ten additional courses would be needed, as well as a special equipment room and some demonstration apparatus. Library holdings are adequate to initiate the program. Anticipated enrollment at inception would be twenty students, with forty-five after five years."

The B.A. in Psychology is recommended without qualification. The Curriculum Committee voted in favor unanimously.

D. Applied Arts--B.A. in Economics

ABSTRACT

"It is proposed by the Department of Business Administration that this Department expand its offerings in economics to include a B.A. in economics in addition to the present concentration in economics for Business Administration majors. We find the fact that all other California State Colleges presently in operation offer an Economics major corroborates our findings that the demand for trained economists is strong. We are mindful of institutional budgetary constraints and anticipate that an Economics major can be undertaken with no increase in faculty beyond normal growth requirements. At the present time it appears that neither augmentation of library or other resources beyond normal growth requirements will be necessary to implement the proposed major.

"We believe, in conclusion, that the proposed major is a logical step in the development of the Department of Business Administration and is consistent with the realities of resource availabilities and market demand for the end product."

The B.A. in Economics is recommended without qualification. The Curriculum Committee voted in favor unanimously.

October 22, 1968

CALIFORNIA STATE POLYTECHNIC COLLEGE
San Luis Obispo

ACADEMIC MASTER PLANNING FLOW CHART

